

FORM PTO-1449	JUL 09 2001 PATENT & TRADEMARK OFFICE	Attorney Docket Number	36980/NJP/B600
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/693,709
		Filing Date	October 20, 2000
		Applicant(s)	Oscar E. Agazzi
		Group Art Unit	2874
		Examiner Name	To be assigned

U.S. PATENT DOCUMENTS						
EXAMINER INITIALS	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>JG</i>	5,479,447	12/1995	Chow et al.	375	260	<i>RECEIVED</i>
						JUL 17 2001

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FOREIGN PATENT DOCUMENTS						
EXAMINER INITIALS	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR. PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION
						YES NO
<i>JG</i>	99/00926	1/1999	WIPO			
<i>JG</i>	10107758	4/1998	EPO - Japan Abstract			
<i>JG</i>	0 957 615	11/1999	European Patent Office			

OTHER DOCUMENTS						
EXAMINER INITIALS	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					
<i>JG</i>	F ANANASSO ET AL., SS-FDMA Channelization and Routing in Advanced Multibeam Mobile Satellite Systems, XP-001004797, October 1988, pp. 258-263.					
<i>JG</i>	AN-YEU WU ET AL., A Fast algorithm for Reduced-Complexity Programmable DSP Implementation of the IFFT/FFT In DMT Systems, ISBN # 0-7803-4984-9, August, 1998, pp. 833-838.					
<i>JG</i>	MICHEL ALARD ET AL., EBU Review - Technical, Principles of Modulation and Channel Coding for Digital Broadcasting for Mobile Receivers, No 224, August, 1987, pp. 168-190.					

EXAMINER SIGNATURE	<i>JG</i>	DATE CONSIDERED	<i>10/7/03</i>
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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FORM PTO-14 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Attorney Docket Number	36980/NJP/B600
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EXAMINER INITIALS	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>JL</i>	4,613,975	09/1986	Aoyagi et al.	375	40..	—

FOREIGN PATENT DOCUMENTS						
EXAMINER INITIALS	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION
						YES NO
<i>JL</i>	2 271 693 /	04/1994	United Kingdom			
<i>JL</i>	0 789 464 /	08/1997	European Patent Office			
<i>JL</i>	0-869-647	10/1998	European Patent Office			

OTHER DOCUMENTS						
EXAMINER INITIALS	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					
<i>JL</i>	<u>HOWARD FRAZIER - Cisco Systems, IEEE 802.3-Higher-Speed Study Group, 10Gig-MII update, November 9, 1999, Kauai, HI.</u>					
<i>JL</i>	<u>DON ALDERROU, ET AL. - Task Force, IEEE 802.3ae, XAUI/XGXS Proposal, May 23-25, 2000, Ottawa, ON.</u>					
<i>JL</i>	<u>THOMAS E. DARCIE, Subcarrier Multiplexing for Lightwave Networks and Video Distribution Systems, IEEE Journal on Selected areas in Communications, Vol. 8, No. 7, September 1990, pp. 1240-1248.</u>					
<i>JL</i>	<u>JAMES A. CHIDDIX, ET AL., AM Video on Fiber in CATV Systems: Need and Implementation, IEEE Journal on Selected areas in Communications, Vol. 8, No. 7, September 1990, pp. 1229-1239.</u>					
<i>JL</i>	<u>NORIO KANNO, ET AL., Fiber-Optic Subcarrier Multiplexing Video Transport-Employing Multilevel QAM, IEEE Journal on Selected Areas in Communications, Vol. 8, No. 7, September 1990, pp. 1313-1319.</u>					
<i>JL</i>	<u>ROBERT OLSHANSKY, ET AL., Subcarrier Multiplexed Coherent Lightwave Systems-for Video Distribution, IEEE-Journal-on-Selected-Areas-in-Communications, Vol. 8, No. 7, September 1990, pp. 1268-1275.</u>					

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INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

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OTHER DOCUMENTS

EXAMINER INITIALS	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	MING-KANG LIU, ET AL., Multilevel-Signaling-and-Pulse-Shaping for Spectrum-Efficiency in Subcarrier Multiplexing Transmission, IEEE Journal of Lightwave Technology, Vol. 12, No. 7, July 1994, pp. 1239-1246..
<i>JL</i>	ROBERT OLSHANSKY, ET AL., Subcarrier Multiplexed Lightwave Systems for Broad-Band-Distribution, IEEE Journal of Lightwave Technology, Vol. 7, No. 9, September 1989, pp. 1329-1341.
<i>JB</i>	JOHN A.C. BINGHAM, Multicarrier Modulation for Data-Transmission: An Idea-Whose Time Has Come, IEEE Communications Magazine, pp. 5-14.
	GERHARD FETTWEIS, ET AL., Parallel-Viterbi-Algorithm Implementaiton: Breaking-the-ACS-Bottleneck, IEEE Transactions-on-Communications, Vol. 37 No. 8, August 1989, pp. 785-789.
<i>JW</i>	JACK H. WINTERS, ET AL. Reducing the Effects of Transmission Impairments in Digital Fiber Optic Systems, IEEE Communications Magazine, June 1993, pp. 68-76.
<i>JW</i>	B. L. KASPER, Equalization of Multimode Optical-Fiber Systems, The Bell System Technical Journal, Vol. 61, No. 7, September 1982, pp. 1367-1388.
<i>JW</i>	JACK H. WINTERS, ET AL., Electrical Signal-Processing Techniques in Long-Haul Fiber-Optic-Systems, IEEE Transactions on Communications, Vol 38, No. 9, September 1990, pp. 1439-1453.
	GERHARD FETTWIS, ET AL., High-Rate Viterbi-Processor: A Systolic Array Solution, IEEE Journal on Selected Areas in Communications, Vol. 8, No. 8, October 1990, pp. 1520-1533.
	HOWARD M. FRAZIER, JR., Media Independent Interface Concepts and Guidelines, Sun-Microsystems Computer Company, ISBN-# 0-7803-2636-9, July, 1995, pp. 348-353.
	MEHDJI HATAMIAN, ET AL., Design Considerations for Gigabit Ethernet 1000Base-T Twisted Pair Transceivers, BC233290, November, 1998, pp. 335-342.

EXAMINER SIGNATURE	<i>Joe Jackson</i>	DATE / CONSIDERED	10/01/03
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Form PTO-1449 (Rev. 8-83) (modified)	U.S. DEPARTMENT OF COMMERCE APR 14 2003 PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 13449US02	SERIAL NO. 09/693,709
INFORMATION DISCLOSURE CITATION <small>(use several sheets if necessary)</small>		APPLICANT(s): O. Agazzi	
		October 20, 2000	GROUP ART UNIT: 2633

Sheet 1 of 1

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
							RECEIVED
							APR 16 2003

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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NO.	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
<i>El</i>	M. Guizani and A.R. Al-Ali, "PC-Compatible Optical Data Acquisition Unit," 1994 Instrumentation and Measurement Technology Conference, 10-12 May 1994							
<i>El</i>	N. Kanno and K. Ito, "Fiber-Optic Subcarrier Multiplexing video Transport Employing Multilevel QAM," IEEE Journal on Selected Areas in Communications, Vol. 8, No. 7, September 1990							
<i>El</i>	W. Ellersick, C.K. Yang, M. Horowitz, and W. Dally, "GAD: A 12GS/s CMOS 4-bit A/D Converter for an Equalized Multi-Level Link," 1999 Symposium on VLSI Circuits							
<i>El</i>	W.J. Dally and J. Poulton, "Transmitter Equalization for 4Gb/s Signalling," Proceedings of Hot Interconnects IV, Palo Alto, 1996							
<i>JW</i>	J.H. Winters, R.D. Gitlin, and S. Kasturia, "Reducing the Effects of Transmission Impairments in Digital Fiber Optic Systems," IEEE Communications Magazine, June 1993, pp. 68-76							
<i>El</i>	S. Kasturia and J.H. Winters, "Techniques for High-Speed Implementation of Nonlinear Cancellation," IEEE Journal on Selected Areas in Communications, Vol. 9, No. 5, June 1991							
<i>El</i>	B.L. Kasper, "Equalization of Multimode Optical Fiber Systems," Bell System Technical Journal, Vol. 61, No. 7, September 1982, pp. 1367							
<i>El</i>	J.H. Winters and R.D. Gitlin, "Electrical Signal Processing Techniques in Long-Haul Fiber-Optic Systems," IEEE Transactions on Communications, Vol. 38, No. 9, September 1990, pp. 1439-1453							
<i>El</i>	R. Mason and J.T. Taylor, "High-Speed Electro-Optic Analogue to Digital Converters," 1993 International Symposium on Circuits and Systems, 3-6 May 1993							
<i>El</i>	T.E. Darcie, "Subcarrier Multiplexing for Lightwave Networks and Video Distribution Systems," IEEE Journal on Selected Areas in Communications, Vol. 8, No. 7, September 1990							
<i>El</i>	J.A.C. Bingham, Multicarrier Modulation for Data Transmission: An Idea Whose time Has Come," IEEE Communications Magazine, May 1990, pp. 5-14							
<i>El</i>	R. Olshansky, V.A. Lanzisera, P.M. Hill, "Subcarrier Multiplexed Lightwave Systems for Broadband Distribution," Journal of Lightwave Technology, Vol. 7, No. 9, September 1989							

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<i>CDA</i>	10/7/03

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